

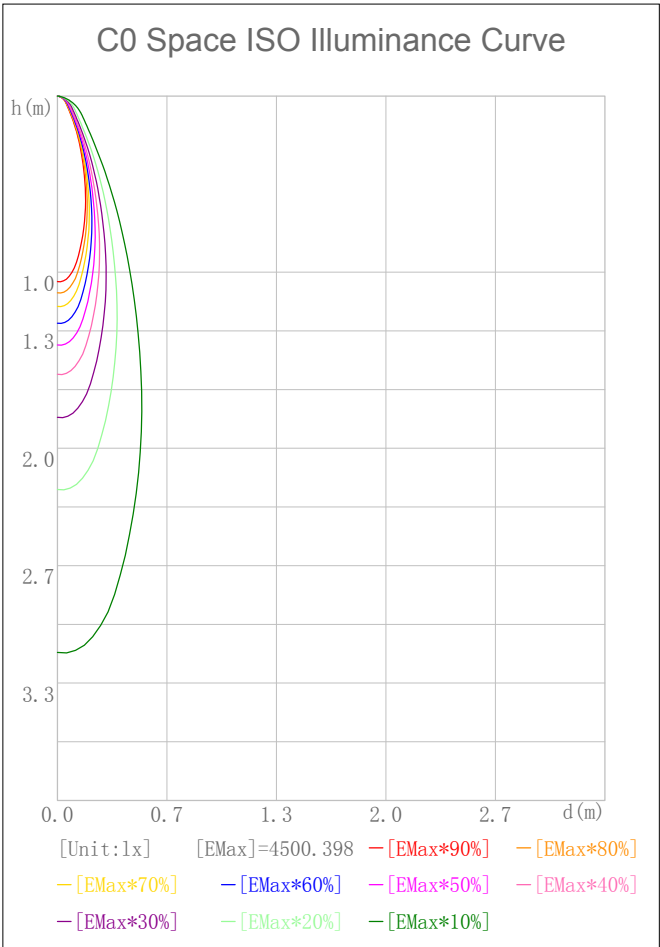
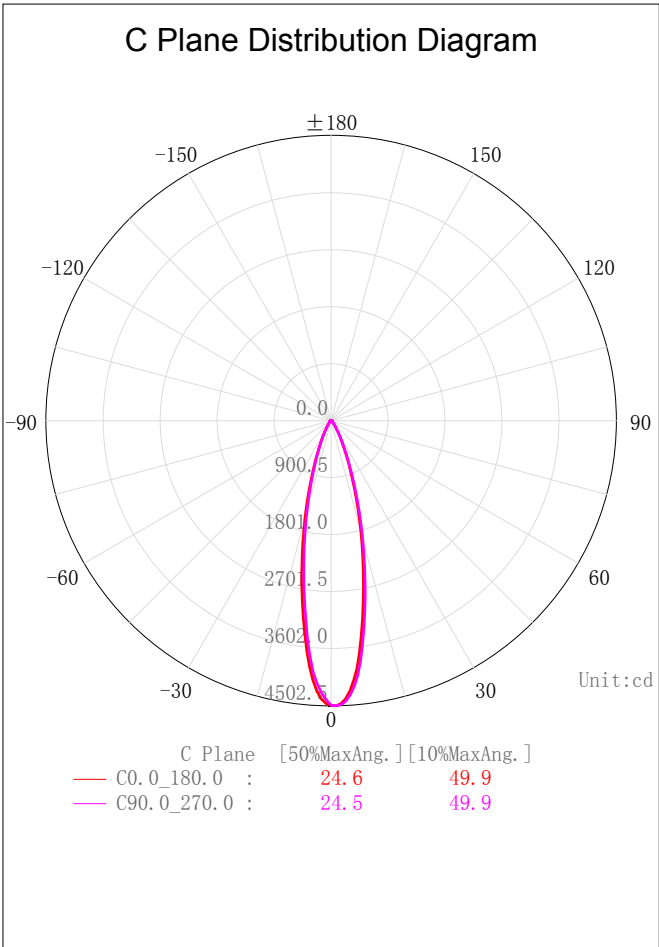
Indoor Luminaire Photometric Data

Description Information

Luminary Name: MD10-13-XX-01 3000K RA90 24D	Lum. Catalog:	Test ID: 01
Lamp Name:	Lamp Catalog: LED	Test Date: 2019/12/21
Manufacture: Shenzhen Norming Lighting Co., Ltd	Shld.Ang(°):	Test Machine:GON-2000
Test Lab: QUality peatment	Frequency (Hz):	Lamp CCT(K): Ra:
Lum. Size (W*L*H): 0.060m*0.060m*0.185m	Lum. Area (m2): 0.015	Lum. W(kg): 0.000
Test System: C, γ	Test Step: C=90.0 γ=1.0	Temp. (°C): 25
		Humidity(%):

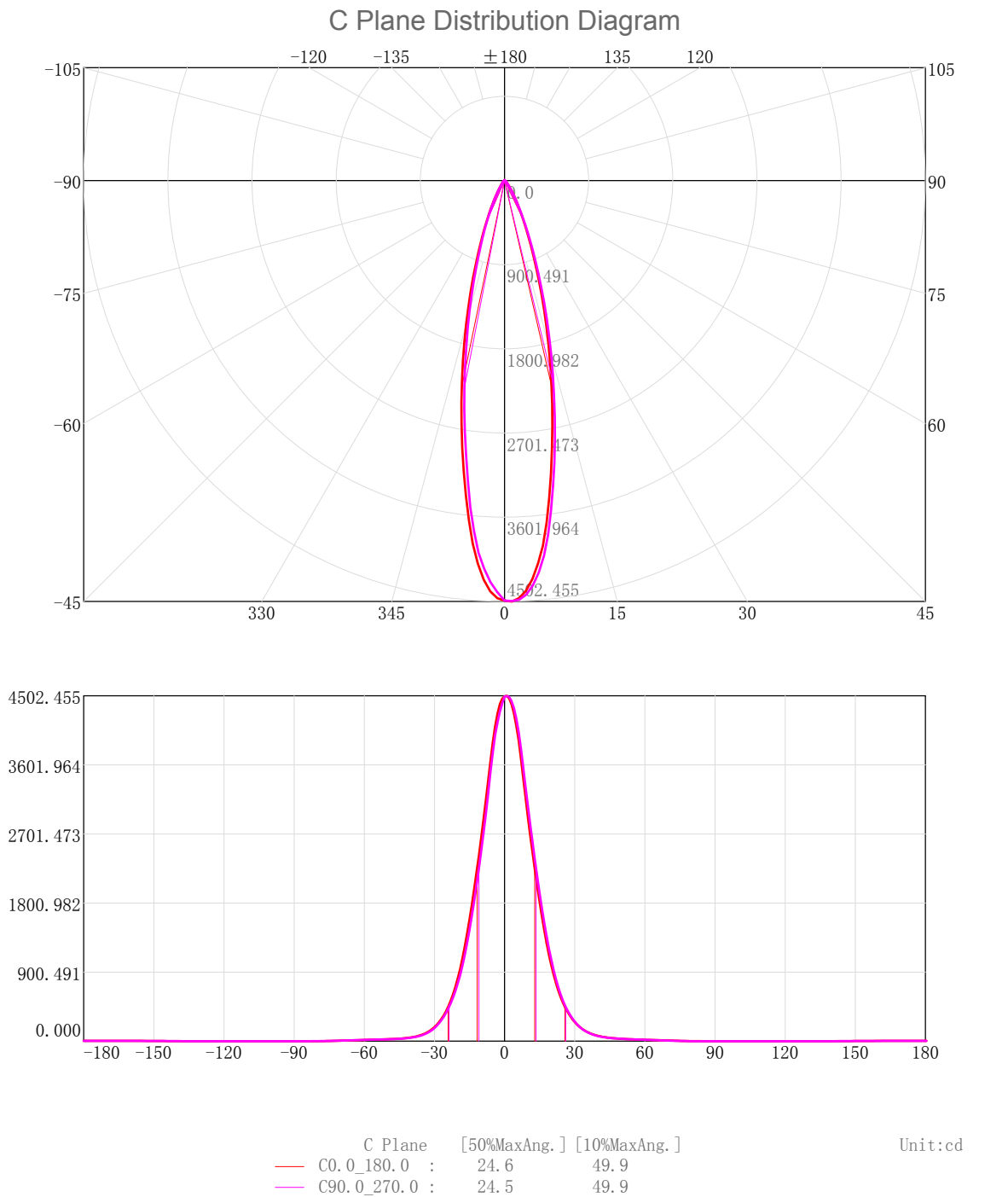
Character Parameter

Lamp Speciality Parameter	Luminaire Speciality Parameter	
Rated Flux(lm): 1167.010	Luminary Flux(lm): 1167.008	Field Angle(10%Imax): 49.9(°)
Rated Power(W):	Luminary Efficiency: 100.00%	Down Lumens&Percent: 1161.816lm 99.56%
Rated Voltage(V):	Luminary EER(lm/W): 93.510	Up Lumens&Percent: 5.192lm 0.44%
Tested Power(W): 12.480	Max. Candela(cd): 4502.455	S/MH: C0_a180=0.414 C90_270=0.411
Lamps' Inside: 1	Max Cand@Ang. (°): C=0.0 γ=1.0	CIE Type: Semi-Direct
Tested Electrics (V, A, pf): 240.3, 0.054	Beam Angle(50%Imax): 24.6(°)	ErP Φ use(90°): 1119.293lm
Lamp Size (W*L*H): 0.060m*0.060m*0.185m	Left=-11.7°, Right=12.9°	IRF(%): 800.899



2D Plane Light Intensity Distribution Curve

Lum. Name: MD10-13-XX-01 3000K RA90 24D	Lum. Catalog:	Test ID: 01
Lamp Name:	Lamp Catalog: LED	Test Lab: Quality peatment
Manufacture: Shenzhen Norming Lighting Co., Ltd	Test Machine:GON-2000	Test Date: 2019/12/21



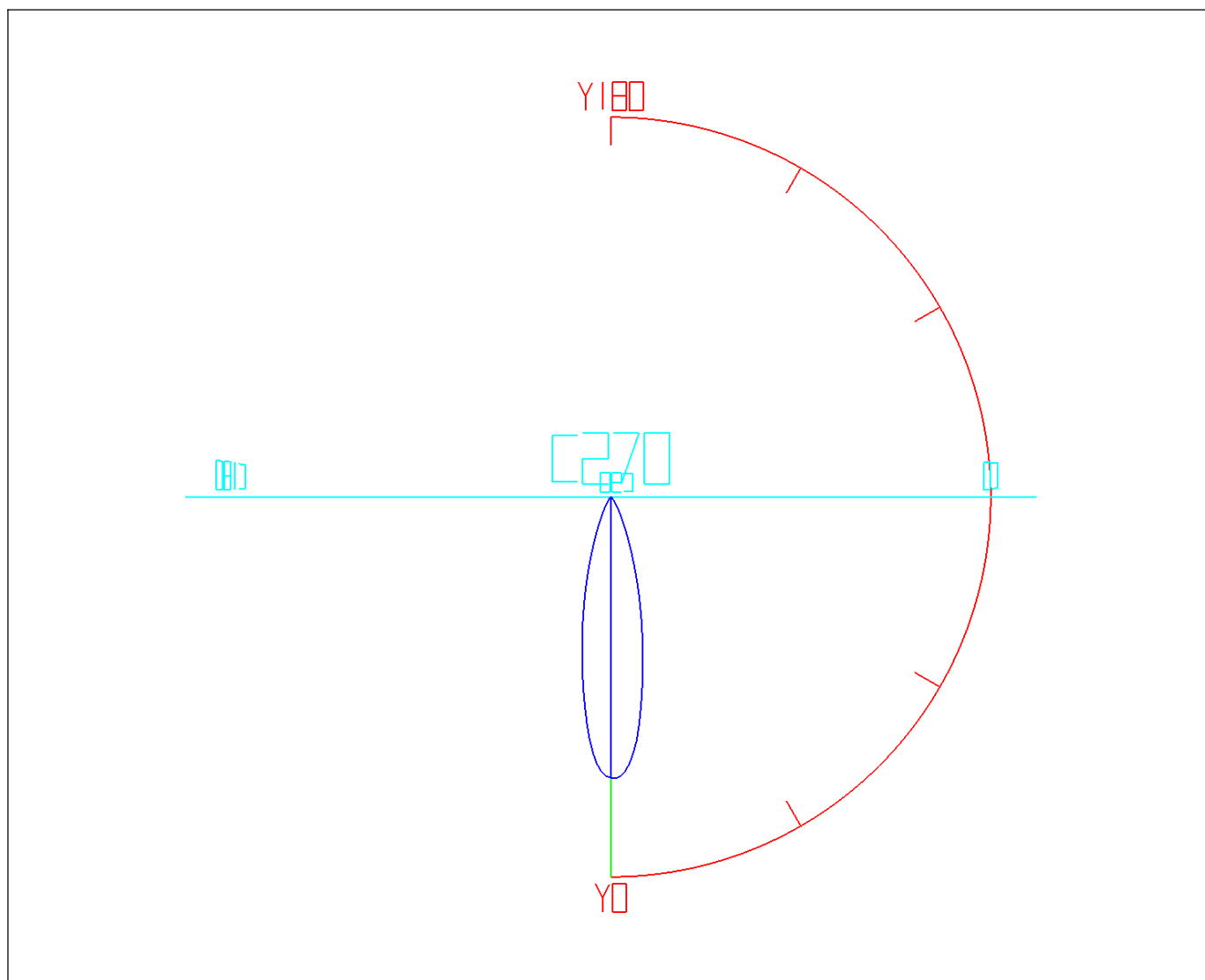
IES Indoor Report

Photometric Filename:MD10-13-XX-01 3000K RA90 24D.IES

3D Light Intensity Distribution Modal

Lum. Name: MD10-13-XX-01 3000K RA90 24D	Lum. Catalog:	Test ID: 01
Lamp Name:	Lamp Catalog: LED	Test Lab: Quality peatment
Manufacture: Shenzhen Norming Lighting Co., Ltd	Test Machine:GON-2000	Test Date: 2019/12/21

3D Light Intensity Distribution Modal



Curves: 3D Model — Fixture — Vert. HUD — Hori. HUD —
View Angles: Orient:0 Tilt:0 Roll:0 Spin:0

Zonal Flux Tabulation

Zone(γ)	Zone Flux (lm)	Sums Flux (lm)	Zone%Lamp	Sums%Lamp	Zone(γ)	Zone Flux (lm)	Sums Flux (lm)	Zone%Lamp	Sums%Lamp
0.0-1.0	4.29	4.29	0.37	0.37	47.0-48.0	2.65	1117.66	0.23	95.77
1.0-2.0	12.74	17.03	1.09	1.46	48.0-49.0	2.55	1120.22	0.22	95.99
2.0-3.0	20.87	37.90	1.79	3.25	49.0-50.0	2.47	1122.68	0.21	96.20
3.0-4.0	28.42	66.33	2.44	5.68	50.0-51.0	2.39	1125.08	0.20	96.41
4.0-5.0	35.15	101.48	3.01	8.70	51.0-52.0	2.32	1127.39	0.20	96.61
5.0-6.0	40.86	142.34	3.50	12.20	52.0-53.0	2.25	1129.64	0.19	96.80
6.0-7.0	45.39	187.73	3.89	16.09	53.0-54.0	2.19	1131.83	0.19	96.99
7.0-8.0	48.70	236.44	4.17	20.26	54.0-55.0	2.12	1133.95	0.18	97.17
8.0-9.0	51.04	287.47	4.37	24.63	55.0-56.0	2.06	1136.00	0.18	97.34
9.0-10.0	52.52	339.99	4.50	29.13	56.0-57.0	1.99	1137.99	0.17	97.51
10.0-11.0	53.18	393.17	4.56	33.69	57.0-58.0	1.92	1139.91	0.16	97.68
11.0-12.0	53.09	446.26	4.55	38.24	58.0-59.0	1.85	1141.76	0.16	97.84
12.0-13.0	52.32	498.57	4.48	42.72	59.0-60.0	1.77	1143.53	0.15	97.99
13.0-14.0	50.98	549.56	4.37	47.09	60.0-61.0	1.70	1145.23	0.15	98.13
14.0-15.0	49.18	598.74	4.21	51.31	61.0-62.0	1.62	1146.84	0.14	98.27
15.0-16.0	46.96	645.70	4.02	55.33	62.0-63.0	1.54	1148.38	0.13	98.40
16.0-17.0	44.39	690.09	3.80	59.13	63.0-64.0	1.45	1149.83	0.12	98.53
17.0-18.0	41.55	731.64	3.56	62.69	64.0-65.0	1.36	1151.19	0.12	98.64
18.0-19.0	38.55	770.19	3.30	66.00	65.0-66.0	1.28	1152.47	0.11	98.75
19.0-20.0	35.50	805.69	3.04	69.04	66.0-67.0	1.19	1153.67	0.10	98.86
20.0-21.0	32.51	838.19	2.79	71.82	67.0-68.0	1.10	1154.77	0.09	98.95
21.0-22.0	29.65	867.84	2.54	74.36	68.0-69.0	1.02	1155.78	0.09	99.04
22.0-23.0	26.94	894.78	2.31	76.67	69.0-70.0	0.93	1156.72	0.08	99.12
23.0-24.0	24.38	919.16	2.09	78.76	70.0-71.0	0.85	1157.56	0.07	99.19
24.0-25.0	21.99	941.15	1.88	80.65	71.0-72.0	0.76	1158.32	0.07	99.26
25.0-26.0	19.75	960.90	1.69	82.34	72.0-73.0	0.68	1159.00	0.06	99.31
26.0-27.0	17.70	978.60	1.52	83.86	73.0-74.0	0.59	1159.59	0.05	99.36
27.0-28.0	15.81	994.41	1.36	85.21	74.0-75.0	0.50	1160.09	0.04	99.41
28.0-29.0	14.10	1008.51	1.21	86.42	75.0-76.0	0.41	1160.50	0.04	99.44
29.0-30.0	12.55	1021.06	1.08	87.49	76.0-77.0	0.33	1160.82	0.03	99.47
30.0-31.0	11.16	1032.21	0.96	88.45	77.0-78.0	0.25	1161.07	0.02	99.49
31.0-32.0	9.92	1042.13	0.85	89.30	78.0-79.0	0.18	1161.26	0.02	99.51
32.0-33.0	8.82	1050.95	0.76	90.05	79.0-80.0	0.14	1161.40	0.01	99.52
33.0-34.0	7.86	1058.81	0.67	90.73	80.0-81.0	0.11	1161.51	0.01	99.53
34.0-35.0	7.02	1065.84	0.60	91.33	81.0-82.0	0.09	1161.61	0.01	99.54
35.0-36.0	6.30	1072.14	0.54	91.87	82.0-83.0	0.07	1161.68	0.01	99.54
36.0-37.0	5.68	1077.82	0.49	92.36	83.0-84.0	0.05	1161.73	0.00	99.55
37.0-38.0	5.15	1082.97	0.44	92.80	84.0-85.0	0.04	1161.77	0.00	99.55
38.0-39.0	4.69	1087.67	0.40	93.20	85.0-86.0	0.02	1161.80	0.00	99.55
39.0-40.0	4.30	1091.96	0.37	93.57	86.0-87.0	0.01	1161.81	0.00	99.55
40.0-41.0	3.96	1095.93	0.34	93.91	87.0-88.0	0.01	1161.81	0.00	99.55
41.0-42.0	3.68	1099.61	0.32	94.22	88.0-89.0	0.00	1161.82	0.00	99.55
42.0-43.0	3.44	1103.04	0.29	94.52	89.0-90.0	0.00	1161.82	0.00	99.55
43.0-44.0	3.23	1106.27	0.28	94.80	90.0-91.0	0.00	1161.82	0.00	99.55
44.0-45.0	3.06	1109.33	0.26	95.06	91.0-92.0	0.00	1161.82	0.00	99.55
45.0-46.0	2.91	1112.24	0.25	95.31	92.0-93.0	0.00	1161.82	0.00	99.55
46.0-47.0	2.77	1115.01	0.24	95.54	93.0-94.0	0.00	1161.82	0.00	99.55

Zonal Flux Tabulation - (Cont.)

Zone(γ)	Zone Flux (lm)	Sums Flux (lm)	Zone%Lamp	Sums%Lamp	Zone(γ)	Zone Flux (lm)	Sums Flux (lm)	Zone%Lamp	Sums%Lamp
94.0-95.0	0.00	1161.82	0.00	99.55	141.0-142.0	0.09	1162.12	0.01	99.58
95.0-96.0	0.00	1161.82	0.00	99.55	142.0-143.0	0.10	1162.22	0.01	99.59
96.0-97.0	0.00	1161.82	0.00	99.55	143.0-144.0	0.12	1162.34	0.01	99.60
97.0-98.0	0.00	1161.82	0.00	99.55	144.0-145.0	0.13	1162.47	0.01	99.61
98.0-99.0	0.00	1161.82	0.00	99.55	145.0-146.0	0.14	1162.61	0.01	99.62
99.0-100.0	0.00	1161.82	0.00	99.55	146.0-147.0	0.15	1162.77	0.01	99.64
100.0-101.0	0.00	1161.82	0.00	99.55	147.0-148.0	0.16	1162.93	0.01	99.65
101.0-102.0	0.00	1161.82	0.00	99.55	148.0-149.0	0.17	1163.10	0.01	99.67
102.0-103.0	0.00	1161.82	0.00	99.55	149.0-150.0	0.18	1163.28	0.02	99.68
103.0-104.0	0.00	1161.82	0.00	99.55	150.0-151.0	0.19	1163.47	0.02	99.70
104.0-105.0	0.00	1161.82	0.00	99.55	151.0-152.0	0.19	1163.66	0.02	99.71
105.0-106.0	0.00	1161.82	0.00	99.55	152.0-153.0	0.19	1163.85	0.02	99.73
106.0-107.0	0.00	1161.82	0.00	99.55	153.0-154.0	0.19	1164.04	0.02	99.75
107.0-108.0	0.00	1161.82	0.00	99.55	154.0-155.0	0.19	1164.24	0.02	99.76
108.0-109.0	0.00	1161.82	0.00	99.55	155.0-156.0	0.19	1164.43	0.02	99.78
109.0-110.0	0.00	1161.82	0.00	99.55	156.0-157.0	0.19	1164.62	0.02	99.80
110.0-111.0	0.00	1161.82	0.00	99.55	157.0-158.0	0.19	1164.81	0.02	99.81
111.0-112.0	0.00	1161.82	0.00	99.55	158.0-159.0	0.18	1164.99	0.02	99.83
112.0-113.0	0.00	1161.82	0.00	99.55	159.0-160.0	0.18	1165.17	0.02	99.84
113.0-114.0	0.00	1161.82	0.00	99.55	160.0-161.0	0.17	1165.34	0.01	99.86
114.0-115.0	0.00	1161.82	0.00	99.55	161.0-162.0	0.17	1165.51	0.01	99.87
115.0-116.0	0.00	1161.82	0.00	99.55	162.0-163.0	0.16	1165.67	0.01	99.89
116.0-117.0	0.00	1161.82	0.00	99.55	163.0-164.0	0.15	1165.82	0.01	99.90
117.0-118.0	0.00	1161.82	0.00	99.55	164.0-165.0	0.14	1165.96	0.01	99.91
118.0-119.0	0.00	1161.82	0.00	99.55	165.0-166.0	0.13	1166.10	0.01	99.92
119.0-120.0	0.00	1161.82	0.00	99.55	166.0-167.0	0.13	1166.22	0.01	99.93
120.0-121.0	0.00	1161.82	0.00	99.55	167.0-168.0	0.12	1166.34	0.01	99.94
121.0-122.0	0.00	1161.82	0.00	99.55	168.0-169.0	0.11	1166.45	0.01	99.95
122.0-123.0	0.00	1161.82	0.00	99.55	169.0-170.0	0.10	1166.55	0.01	99.96
123.0-124.0	0.00	1161.82	0.00	99.55	170.0-171.0	0.09	1166.63	0.01	99.97
124.0-125.0	0.00	1161.82	0.00	99.55	171.0-172.0	0.08	1166.71	0.01	99.97
125.0-126.0	0.00	1161.82	0.00	99.55	172.0-173.0	0.07	1166.78	0.01	99.98
126.0-127.0	0.00	1161.82	0.00	99.55	173.0-174.0	0.06	1166.84	0.01	99.99
127.0-128.0	0.00	1161.82	0.00	99.55	174.0-175.0	0.05	1166.89	0.00	99.99
128.0-129.0	0.00	1161.82	0.00	99.55	175.0-176.0	0.04	1166.93	0.00	99.99
129.0-130.0	0.00	1161.82	0.00	99.55	176.0-177.0	0.03	1166.97	0.00	100.00
130.0-131.0	0.00	1161.82	0.00	99.55	177.0-178.0	0.02	1166.99	0.00	100.00
131.0-132.0	0.00	1161.82	0.00	99.55	178.0-179.0	0.01	1167.00	0.00	100.00
132.0-133.0	0.00	1161.82	0.00	99.55	179.0-180.0	0.00	1167.01	0.00	100.00
133.0-134.0	0.00	1161.82	0.00	99.55					
134.0-135.0	0.00	1161.82	0.00	99.56					
135.0-136.0	0.01	1161.83	0.00	99.56					
136.0-137.0	0.02	1161.85	0.00	99.56					
137.0-138.0	0.03	1161.88	0.00	99.56					
138.0-139.0	0.04	1161.91	0.00	99.56					
139.0-140.0	0.05	1161.97	0.00	99.57					
140.0-141.0	0.07	1162.03	0.01	99.57					

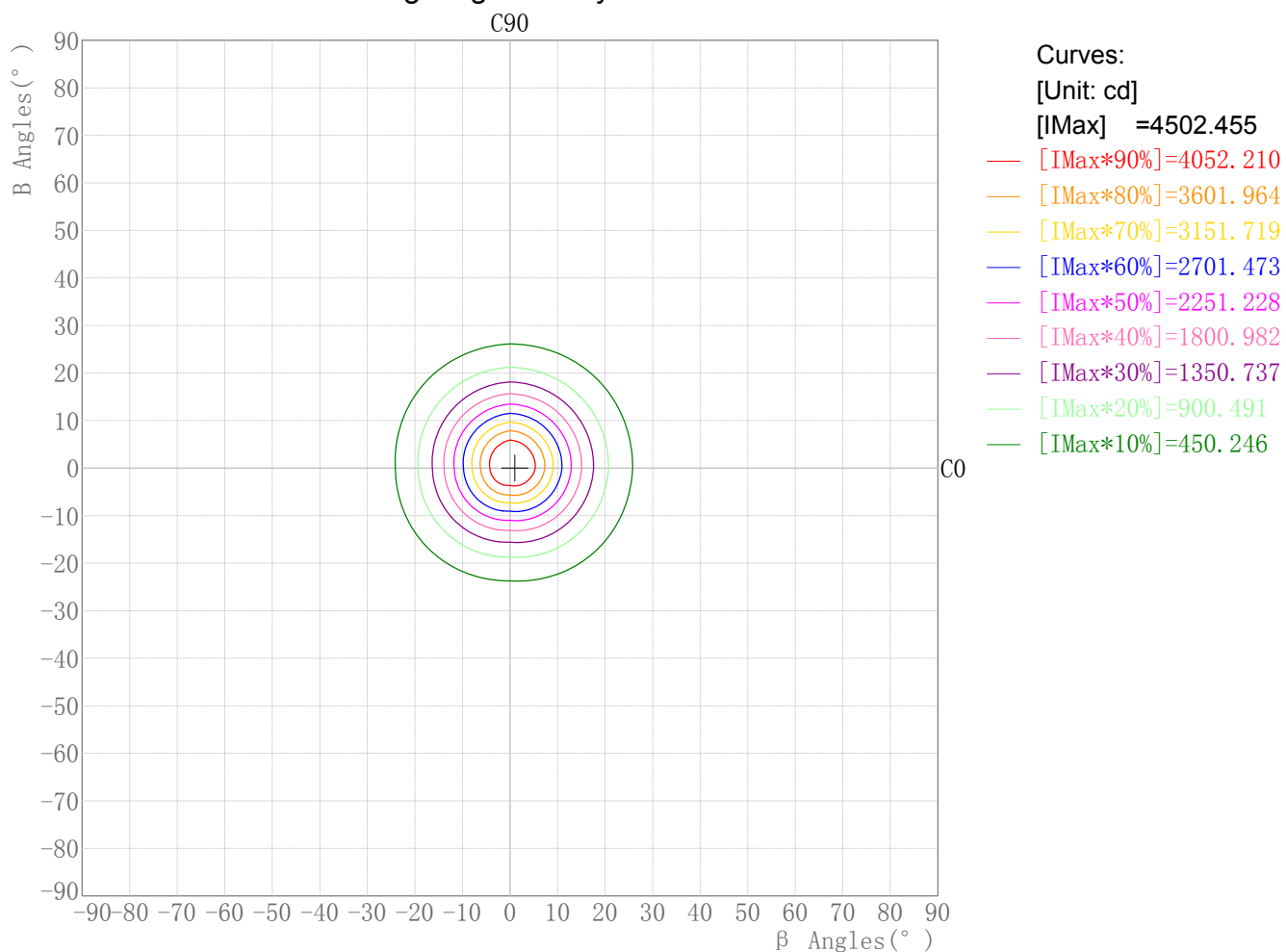
IES Indoor Report

Photometric Filename:MD10-13-XX-01 3000K RA90 24D.IES

Rectangle ISO Lighting Intensity Diagram

Lum. Name: MD10-13-XX-01 3000K RA90 24D	Lum. Catalog:	Test ID: 01
Lamp Name:	Lamp Catalog: LED	Test Lab: Quality peatment
Manufacture: Shenzhen Norming Lighting Co., Ltd	Test Machine:GON-2000	Test Date: 2019/12/21

ISO Lighting Intensity Curve



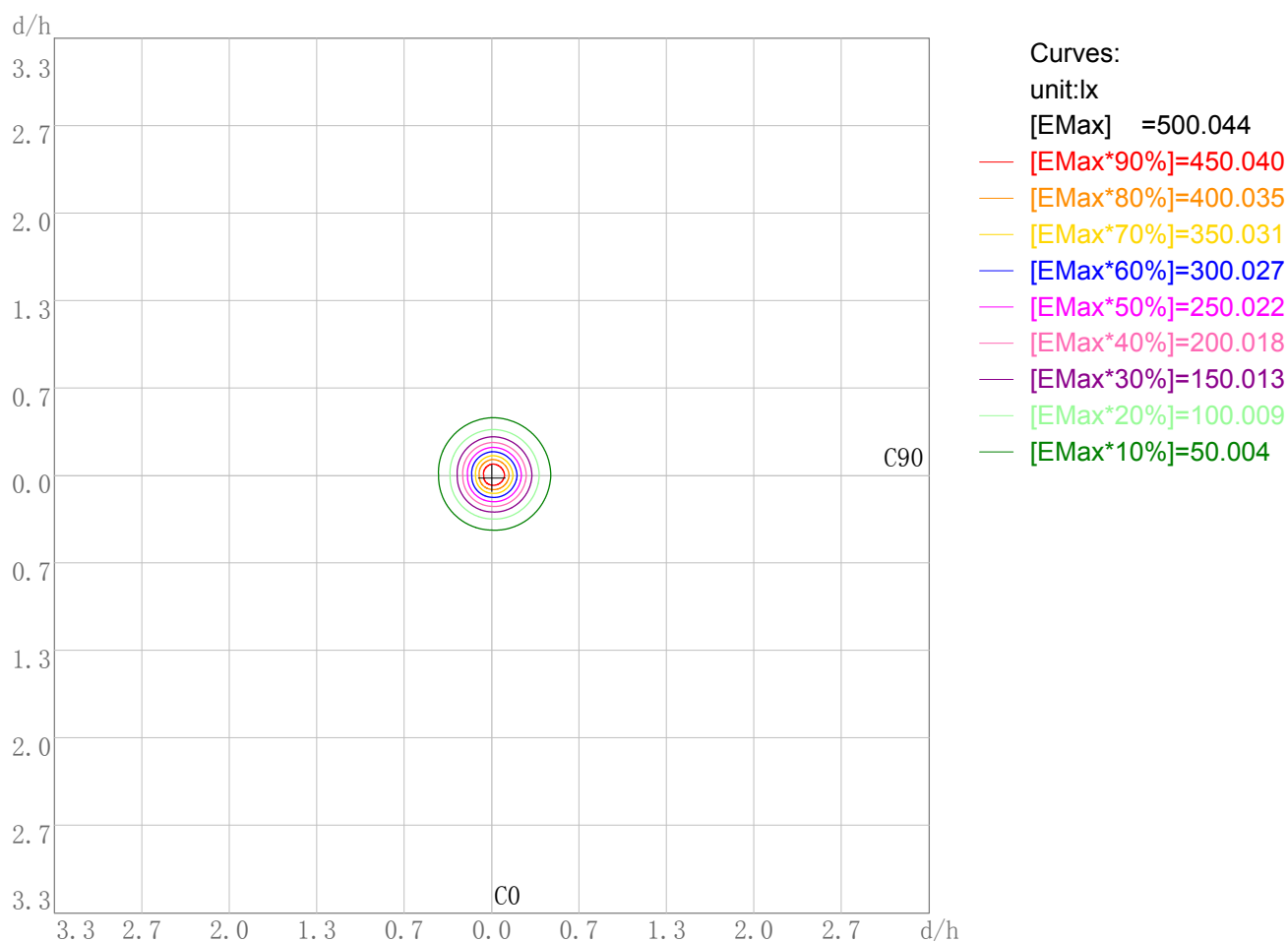
IES Indoor Report

Photometric Filename:MD10-13-XX-01 3000K RA90 24D.IES

Plane ISO-Illuminance Diagram

Lum. Name: MD10-13-XX-01 3000K RA90 24D	Lum. Catalog:	Test ID: 01
Lamp Name:	Lamp Catalog: LED	Test Lab: Quality peatment
Manufacture: Shenzhen Norming Lighting Co., Ltd	Test Machine:GON-2000	Test Date: 2019/12/21

Plane ISO-Illuminance Curve



Working Plane Luminaire Mounting Height(m): 3.00

Working Plane Maximum Illuminance(lx): 500.04

Working Plane Maximum Illuminance Position(d/h):H0.0 V0.0

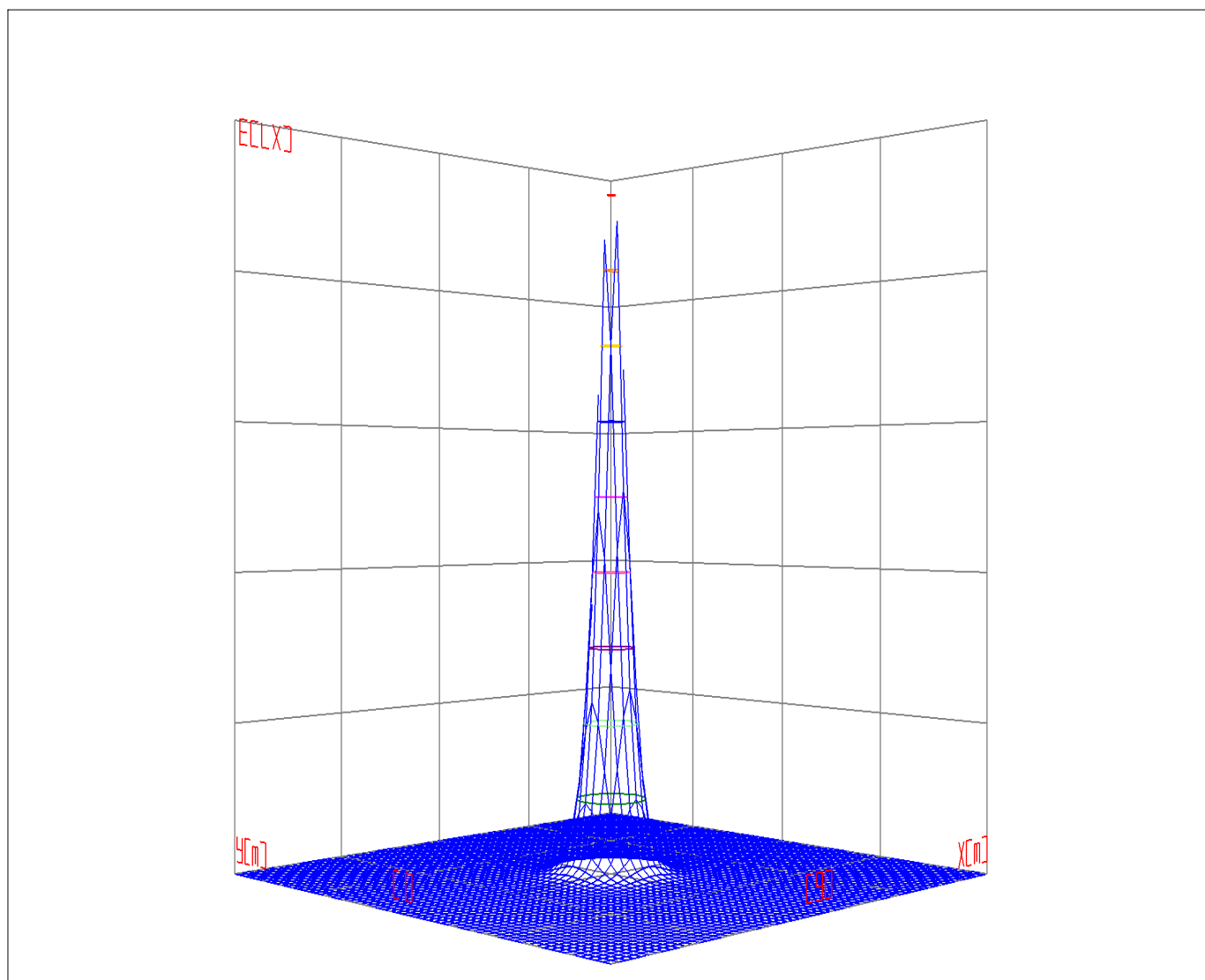
IES Indoor Report

Photometric Filename:MD10-13-XX-01 3000K RA90 24D.IES

3D Plane ISO Illuminance Diagram

Lum. Name: MD10-13-XX-01 3000K RA90 24D	Lum. Catalog:	Test ID: 01
Lamp Name:	Lamp Catalog: LED	Test Lab: Quality peatment
Manufacture: Shenzhen Norming Lighting Co., Ltd	Test Machine:GON-2000	Test Date: 2019/12/21

3D Plane Illuminance Modal

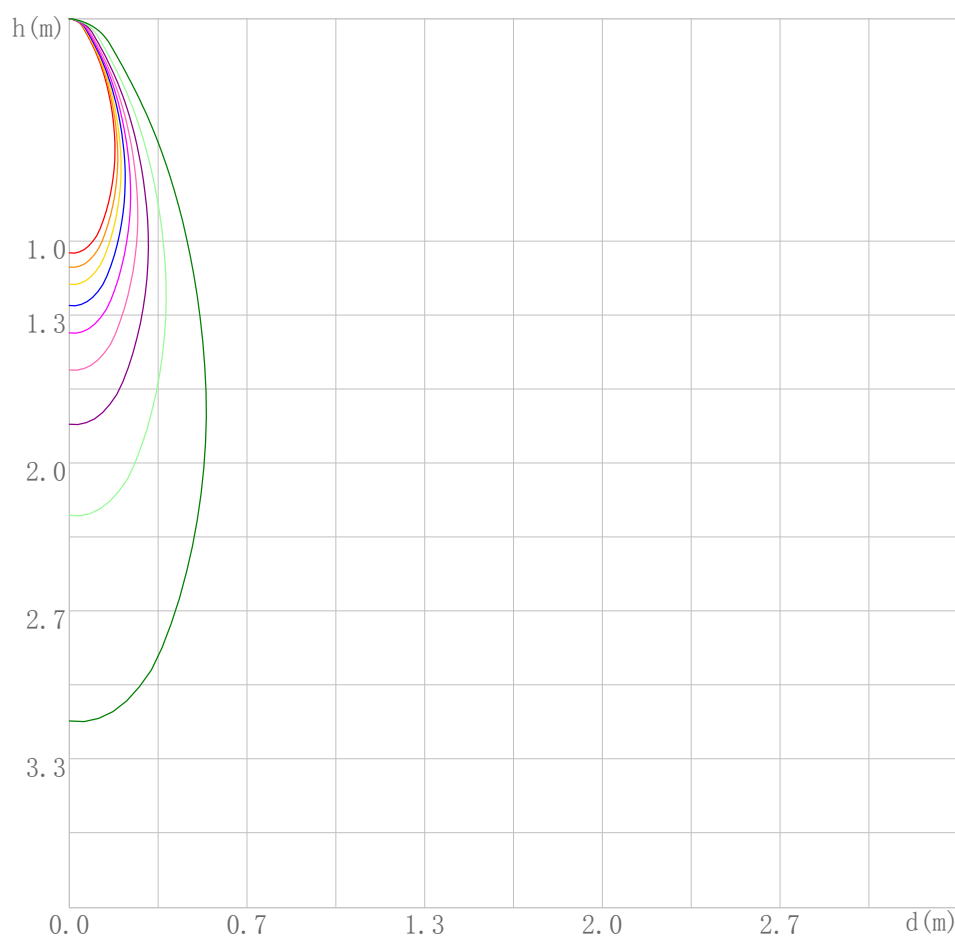


Curves: 3D Model — 90% — 80% — 70% — 60% — 50% — 40% — 30% — 20% — 10% —
View Angles(deg): 0 Height(m): 3.0 Distance(m): 10.0

Space ISO Illuminance Diagram

Lum. Name: MD10-13-XX-01 3000K RA90 24D	Lum. Catalog:	Test ID: 01
Lamp Name:	Lamp Catalog: LED	Test Lab: Quality peatment
Manufacture: Shenzhen Norming Lighting Co., Ltd	Test Machine:GON-2000	Test Date: 2019/12/21

Space ISO Illuminance Curve



Curves:

[Unit: lx]

[EMax] =4500.398

— [EMax*90%]=4050.358

— [EMax*80%]=3600.319

— [EMax*70%]=3150.279

— [EMax*60%]=2700.239

— [EMax*50%]=2250.199

— [EMax*40%]=1800.159

— [EMax*30%]=1350.119

— [EMax*20%]=900.080

— [EMax*10%]=450.040

Space Plane Maximum Illuminance and @Angle:4500.40lx,1.0deg

Plane Maximum Lighting Intensity and @Angle:4502.455cd,0deg

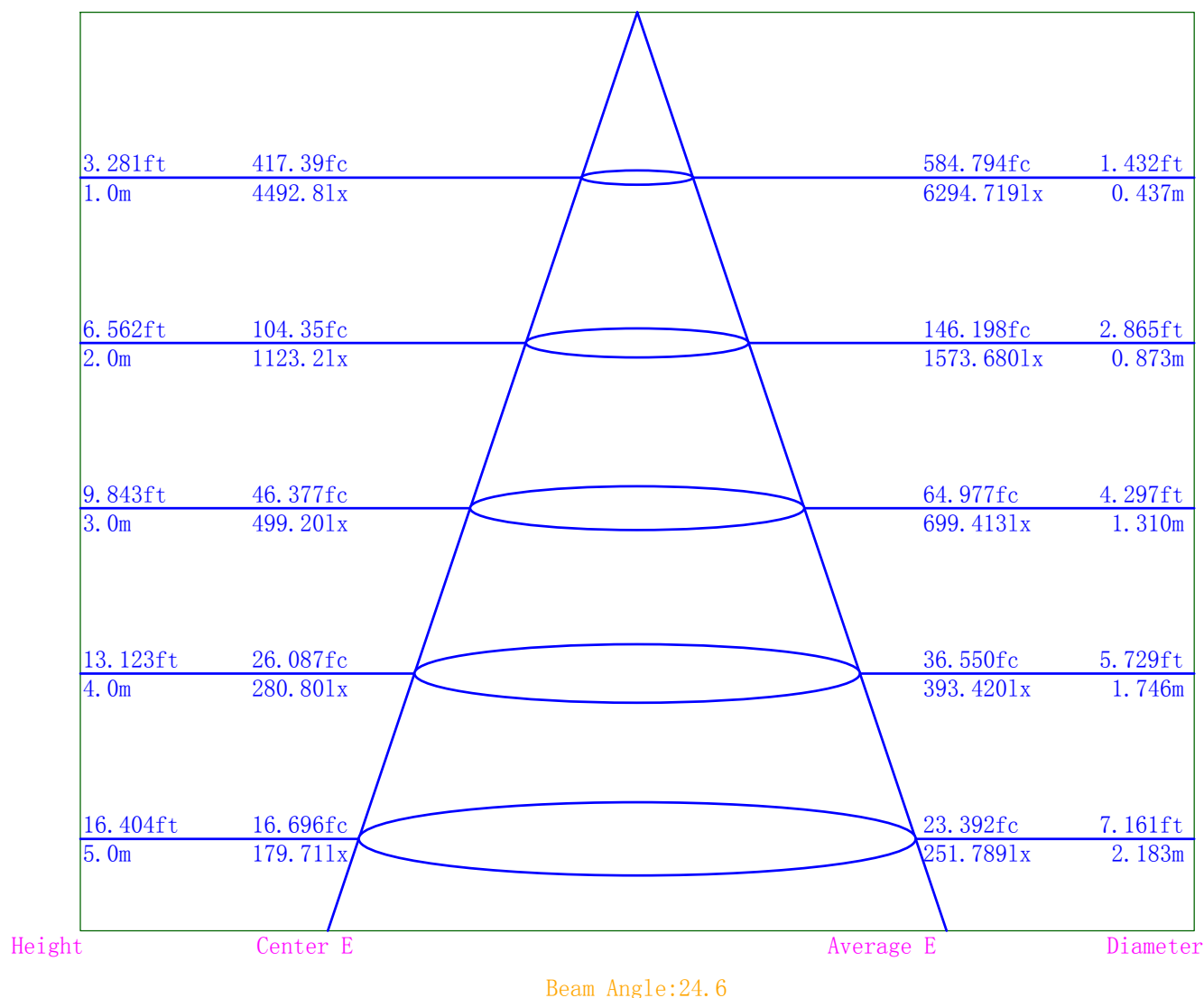
IES Indoor Report

Photometric Filename:MD10-13-XX-01 3000K RA90 24D.IES

Illuminance-Distance Diagram

Lum. Name: MD10-13-XX-01 3000K RA90 24D	Lum. Catalog:	Test ID: 01
Lamp Name:	Lamp Catalog: LED	Test Lab: Quality peatment
Manufacture: Shenzhen Norming Lighting Co., Ltd	Test Machine:GON-2000	Test Date: 2019/12/21

Illuminance-Distance Curve



IES Indoor Report

Photometric Filename:MD10-13-XX-01 3000K RA90 24D.IES

Indoor Luminance Limiting Curves

Lum. Name: MD10-13-XX-01 3000K RA90 24D	Lum. Catalog:	Test ID: 01
Lamp Name:	Lamp Catalog: LED	Test Lab: Quality peatment
Manufacture: Shenzhen Norming Lighting Co., Ltd	Test Machine:GON-2000	Test Date: 2019/12/21

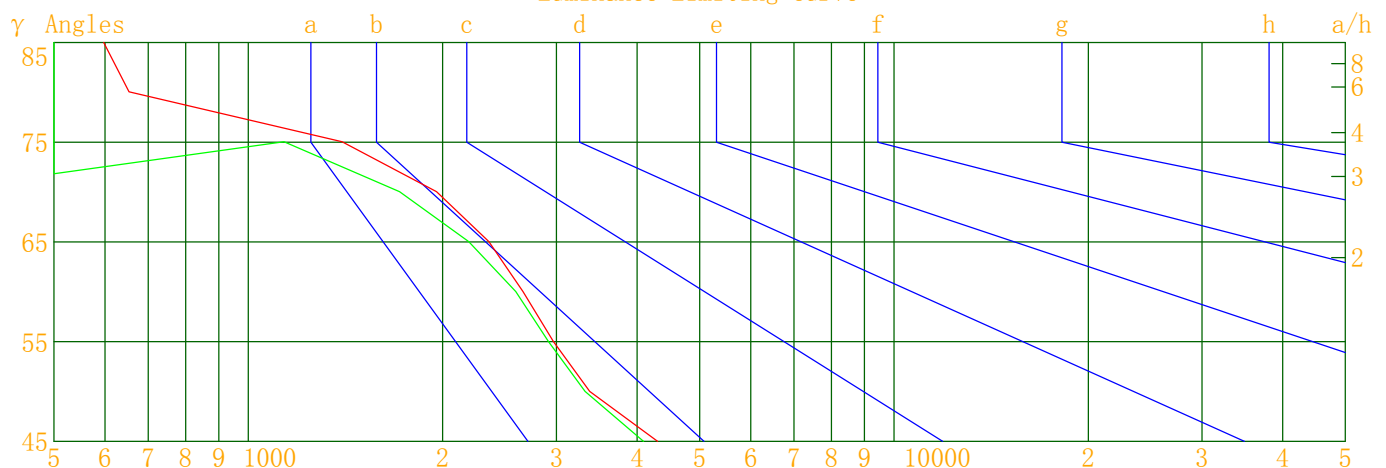
Glare Grade Table

GI	Quality	Using Illuminance							
1.15	A	2000	1000	500	<=300				
1.5	B		2000	1000	500	<=300			
1.85	C			2000	1000	500	<=300		
2.2	D				2000	1000	500	<=300	
2.55	E	a				2000	1000	500	<=300
			b	c	d	e	f	g	h

Luminance Table

Gama(deg)	45	50	55	60	65	70	75	80	85
C0	4305	3379	2968	2663	2359	1957	1397	653	597
C90	4094	3324	2917	2596	2195	1715	1136	317	0

Luminance Limiting Curve



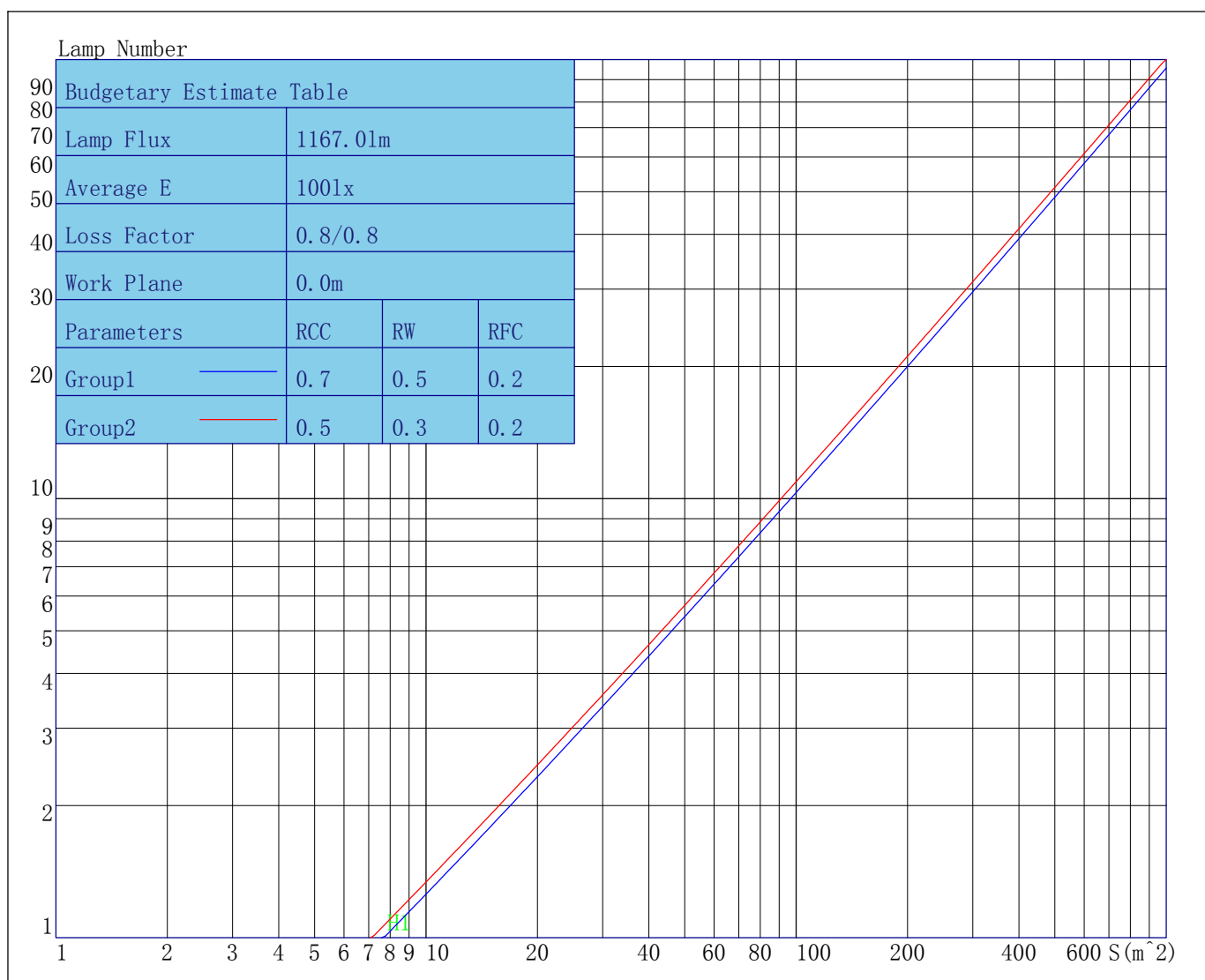
Luminous Size: Length(m)=0.060 Width(m)=0.060 Height(m)=0.185 Area(m^2)=0.014700
 Luminous Type: Without Luminous Side
 Luminous Curves: C0-C180 Color: — C90-C270 Color: —

IES Indoor Report

Photometric Filename:MD10-13-XX-01 3000K RA90 24D.IES

Indoor Budgetary Estimate Table

Lum. Name: MD10-13-XX-01 3000K RA90 24D	Lum. Catalog:	Test ID: 01
Lamp Name:	Lamp Catalog: LED	Test Lab: Quality peatment
Manufacture: Shenzhen Norming Lighting Co., Ltd	Test Machine:GON-2000	Test Date: 2019/12/21



Parameters1: Rhocc = 0.7 Rhow = 0.5 Rhofc = 0.2 LLF = 0.8
Parameters2: Rhocc = 0.5 Rhow = 0.3 Rhofc = 0.2 LLF = 0.8
Average Illuminance(lx): 100 Cavity Height: H1(m) = 2

Indoor Coefficient of Utilization Table

Lum. Name: MD10-13-XX-01 3000K RA90 24D	Lum. Catelog:	Test ID: 01
Lamp Name:	Lamp Catelog: LED	Test Lab: QQualty peatment
Manufacture: Shenzhen Norming Lighting Co., Ltd	Test Machine:GON-2000	Test Date: 2019/12/21

Coefficients of Utilization - Zonal Cavity Method																		
Coef.	Effective Floor Cavity Reflectance RFC=0.20																	
RhoCC (%)	80				70				50			30			10			0
RhoW (%)	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR	Coefficient of Utilization(%)																	
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100
1	114	112	110	108	112	110	108	106	106	104	103	102	101	100	98	98	97	95
2	110	106	102	99	108	104	101	98	101	98	96	98	96	94	95	93	92	90
3	106	100	96	93	104	99	95	92	96	93	91	94	91	89	92	90	88	86
4	102	96	91	88	100	94	90	87	92	89	86	90	87	85	89	86	84	83
5	98	91	87	83	97	90	86	83	89	85	82	87	84	81	86	83	81	79
6	95	88	83	79	93	87	82	79	85	82	79	84	81	78	83	80	78	76
7	92	84	80	76	90	84	79	76	82	78	76	81	78	75	80	77	75	74
8	89	81	76	73	88	81	76	73	80	76	73	79	75	72	78	75	72	71
9	86	78	74	71	85	78	74	71	77	73	70	76	73	70	75	72	70	69
10	83	76	71	68	82	75	71	68	75	71	68	74	70	68	73	70	68	67

Unified Glare Rating Table

Table with 3 columns: Lum. Name, Lum. Catalog, Test ID; Lamp Name, Lamp Catalog, Test Lab; Manufacture, Test Machine, Test Date.

Unified Glare Rating Table

Table with 11 columns for room dimensions and UGR values. Includes sections for variations with observer position and reduced UGR table.

to the CIE Pub.117, data has been corrected, refers to the lamp's lumens 8.2flm.

Candela Tabulation

V/H	C0.0	C90.0	C180.0	C270.0
γ 0.0	4492.79	4492.79	4492.79	4492.79
γ 1.0	4502.46	4496.72	4465.97	4402.90
γ 2.0	4467.56	4486.68	4394.99	4298.30
γ 3.0	4393.25	4433.61	4273.88	4158.19
γ 4.0	4272.29	4340.09	4104.63	3989.70
γ 5.0	4112.02	4205.60	3897.65	3761.41
γ 6.0	3926.60	4034.45	3652.94	3512.27
γ 7.0	3687.68	3817.41	3394.69	3226.33
γ 8.0	3428.39	3567.15	3140.36	2958.84
γ 9.0	3176.17	3310.31	2894.30	2713.30
γ 10.0	2921.54	3067.75	2650.76	2478.93
γ 11.0	2680.52	2823.85	2416.56	2248.62
γ 12.0	2448.81	2584.57	2194.69	2029.22
γ 13.0	2224.56	2353.18	1978.60	1819.74
γ 14.0	2014.71	2138.00	1772.73	1630.70
γ 15.0	1814.95	1926.98	1584.10	1448.59
γ 16.0	1625.51	1729.63	1406.58	1283.30
γ 17.0	1446.20	1542.34	1239.11	1128.35
γ 18.0	1278.77	1369.55	1085.97	989.69
γ 19.0	1126.19	1207.10	943.91	862.84
γ 20.0	987.08	1059.74	818.33	752.26
γ 21.0	865.35	924.43	708.63	655.72
γ 22.0	756.37	805.31	614.04	571.60
γ 23.0	659.30	701.21	529.87	497.23
γ 24.0	575.06	609.00	457.43	431.60
γ 25.0	501.35	527.25	393.31	372.69
γ 26.0	436.68	457.55	338.15	320.44
γ 27.0	380.18	395.79	290.39	274.84
γ 28.0	330.56	342.90	248.79	234.95
γ 29.0	287.39	296.33	213.68	200.57
γ 30.0	250.23	255.77	183.42	171.37
γ 31.0	217.87	220.60	157.68	146.58
γ 32.0	189.64	190.38	135.89	125.89
γ 33.0	165.66	164.30	117.61	108.33
γ 34.0	145.06	142.67	102.01	93.58
γ 35.0	126.97	124.25	88.72	81.50
γ 36.0	111.76	109.07	77.86	71.69
γ 37.0	98.73	95.76	68.85	63.41
γ 38.0	87.63	84.70	61.27	56.79
γ 39.0	78.27	74.90	55.03	51.16
γ 40.0	70.23	67.00	49.81	46.49
γ 41.0	63.46	60.24	45.44	42.55
γ 42.0	57.62	54.65	41.83	39.33
γ 43.0	52.69	49.84	38.64	36.47
γ 44.0	48.44	45.86	36.23	34.12
γ 45.0	44.75	42.56	34.12	32.11
γ 46.0	41.53	39.60	32.23	30.34

Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 47.0	38.63	37.06	30.51	28.81
γ 48.0	35.99	34.93	29.11	27.59
γ 49.0	33.84	33.07	27.83	26.50
γ 50.0	31.93	31.41	26.71	25.56
γ 51.0	30.16	29.86	25.65	24.70
γ 52.0	28.68	28.39	24.61	23.86
γ 53.0	27.38	27.05	23.72	23.12
γ 54.0	26.26	25.75	22.73	22.31
γ 55.0	25.03	24.59	21.75	21.61
γ 56.0	23.90	23.44	20.83	20.78
γ 57.0	22.82	22.32	19.90	20.05
γ 58.0	21.81	21.28	18.87	19.15
γ 59.0	20.61	20.08	17.92	18.32
γ 60.0	19.58	19.08	17.04	17.43
γ 61.0	18.57	17.94	16.01	16.49
γ 62.0	17.56	16.97	15.07	15.55
γ 63.0	16.59	15.81	14.05	14.70
γ 64.0	15.60	14.69	13.03	13.72
γ 65.0	14.65	13.64	12.15	12.84
γ 66.0	13.61	12.58	11.17	11.90
γ 67.0	12.72	11.55	10.31	10.98
γ 68.0	11.67	10.48	9.30	10.16
γ 69.0	10.79	9.44	8.49	9.29
γ 70.0	9.84	8.62	7.65	8.39
γ 71.0	8.91	7.73	6.84	7.55
γ 72.0	8.09	6.90	5.93	6.71
γ 73.0	7.15	6.08	5.17	5.77
γ 74.0	6.28	5.14	4.26	4.83
γ 75.0	5.32	4.32	3.51	4.04
γ 76.0	4.45	3.51	2.73	3.15
γ 77.0	3.58	2.70	1.90	2.42
γ 78.0	2.79	1.94	1.34	1.88
γ 79.0	1.99	1.23	0.95	1.63
γ 80.0	1.67	0.81	0.79	1.38
γ 81.0	1.43	0.67	0.55	1.13
γ 82.0	1.29	0.49	0.46	0.98
γ 83.0	1.04	0.25	0.18	0.74
γ 84.0	0.96	0.12	0.02	0.58
γ 85.0	0.76	0.00	0.00	0.37
γ 86.0	0.48	0.00	0.00	0.16
γ 87.0	0.32	0.00	0.00	0.00
γ 88.0	0.09	0.00	0.00	0.00
γ 89.0	0.00	0.00	0.00	0.00
γ 90.0	0.00	0.00	0.00	0.00
γ 91.0	0.00	0.00	0.00	0.00
γ 92.0	0.00	0.00	0.00	0.00
γ 93.0	0.00	0.00	0.00	0.00

Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 94.0	0.00	0.00	0.00	0.00
γ 95.0	0.00	0.00	0.00	0.00
γ 96.0	0.00	0.00	0.00	0.00
γ 97.0	0.00	0.00	0.00	0.00
γ 98.0	0.00	0.00	0.00	0.00
γ 99.0	0.00	0.00	0.00	0.00
γ 100.0	0.00	0.00	0.00	0.00
γ 101.0	0.00	0.00	0.00	0.00
γ 102.0	0.00	0.00	0.00	0.00
γ 103.0	0.00	0.00	0.00	0.00
γ 104.0	0.00	0.00	0.00	0.00
γ 105.0	0.00	0.00	0.00	0.00
γ 106.0	0.00	0.00	0.00	0.00
γ 107.0	0.00	0.00	0.00	0.00
γ 108.0	0.00	0.00	0.00	0.00
γ 109.0	0.00	0.00	0.00	0.00
γ 110.0	0.00	0.00	0.00	0.00
γ 111.0	0.00	0.00	0.00	0.00
γ 112.0	0.00	0.00	0.00	0.00
γ 113.0	0.00	0.00	0.00	0.00
γ 114.0	0.00	0.00	0.00	0.00
γ 115.0	0.00	0.00	0.00	0.00
γ 116.0	0.00	0.00	0.00	0.00
γ 117.0	0.00	0.00	0.00	0.00
γ 118.0	0.00	0.00	0.00	0.00
γ 119.0	0.00	0.00	0.00	0.00
γ 120.0	0.00	0.00	0.00	0.00
γ 121.0	0.00	0.00	0.00	0.00
γ 122.0	0.00	0.00	0.00	0.00
γ 123.0	0.00	0.00	0.00	0.00
γ 124.0	0.00	0.00	0.00	0.00
γ 125.0	0.00	0.00	0.00	0.00
γ 126.0	0.00	0.00	0.00	0.00
γ 127.0	0.00	0.00	0.00	0.00
γ 128.0	0.00	0.00	0.00	0.00
γ 129.0	0.00	0.00	0.00	0.00
γ 130.0	0.00	0.00	0.00	0.00
γ 131.0	0.00	0.00	0.00	0.00
γ 132.0	0.00	0.00	0.00	0.00
γ 133.0	0.00	0.00	0.00	0.00
γ 134.0	0.00	0.00	0.00	0.03
γ 135.0	0.00	0.00	0.14	0.22
γ 136.0	0.00	0.00	0.29	0.48
γ 137.0	0.00	0.00	0.58	0.67
γ 138.0	0.02	0.00	0.79	0.90
γ 139.0	0.21	0.00	1.00	1.16
γ 140.0	0.45	0.15	1.31	1.44

IES Indoor Report

Photometric Filename:MD10-13-XX-01 3000K RA90 24D.IES

Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 141.0	0.69	0.50	1.57	1.71
γ 142.0	1.06	0.73	1.90	2.04
γ 143.0	1.22	1.03	2.10	2.23
γ 144.0	1.59	1.30	2.40	2.49
γ 145.0	1.77	1.54	2.64	2.75
γ 146.0	2.01	1.79	2.81	2.99
γ 147.0	2.30	1.97	3.14	3.18
γ 148.0	2.60	2.32	3.42	3.37
γ 149.0	2.73	2.50	3.57	3.59
γ 150.0	3.03	2.75	3.79	3.78
γ 151.0	3.23	2.96	4.00	3.89
γ 152.0	3.40	3.15	4.17	4.06
γ 153.0	3.69	3.35	4.29	4.16
γ 154.0	3.83	3.53	4.46	4.34
γ 155.0	3.97	3.71	4.58	4.43
γ 156.0	4.12	3.88	4.77	4.59
γ 157.0	4.26	4.01	4.84	4.66
γ 158.0	4.41	4.11	4.89	4.75
γ 159.0	4.48	4.17	5.00	4.79
γ 160.0	4.52	4.30	5.05	4.83
γ 161.0	4.60	4.36	5.09	4.89
γ 162.0	4.76	4.49	5.12	4.82
γ 163.0	4.79	4.58	5.14	4.87
γ 164.0	4.93	4.59	5.17	4.89
γ 165.0	4.85	4.63	5.20	4.84
γ 166.0	4.94	4.68	5.11	4.88
γ 167.0	4.93	4.75	5.16	4.82
γ 168.0	4.91	4.69	5.17	4.84
γ 169.0	4.94	4.76	5.17	4.76
γ 170.0	4.95	4.71	5.09	4.78
γ 171.0	4.92	4.81	5.03	4.75
γ 172.0	4.89	4.75	4.97	4.75
γ 173.0	4.91	4.79	5.03	4.72
γ 174.0	4.85	4.80	5.01	4.68
γ 175.0	4.82	4.78	4.95	4.73
γ 176.0	4.83	4.79	4.98	4.69
γ 177.0	4.87	4.77	4.91	4.70
γ 178.0	4.76	4.72	4.96	4.79
γ 179.0	4.95	4.78	5.00	4.78
γ 180.0	4.88	4.88	4.88	4.88